

ENGINEER-IN-TRAINING II

DEFINITION

Under general supervision of a Professional Engineer, is responsible for performing intermediate level practical engineering work; performs related duties as required.

EXAMPLES OF WORK (Any one position may not include all of the duties listed, nor do the examples cover all of the duties that may be performed.)

Prepares and reviews engineering plans and designs for structures, facilities, or systems;

Prepares and reviews reports and studies to identify and recommend engineering solutions;

Prepares proposals and specifications for new construction and facilities repair projects;

Tabulates bids on small projects; determines adequacy of various materials used in the projects;

Makes site inspections of work; tests and evaluates equipment and materials currently in use;

Prepares technical reports and support data;

Consults with contractors; interprets contract specifications;

Designs small systems and work order plans;

May supervise subordinate staff engaged in performing paraprofessional engineering work;

May assign work to drafting personnel for completed working drawings of proposed project.

GUIDELINES FOR CLASS USE

Individuals appointed to this classification serve for a limited period of time not to exceed four (4) years and during this time are expected to obtain valid State of Ohio certification as a registered Professional Engineer.

MINIMUM QUALIFICATIONS

Two (2) years of experience as an Engineer-In-Training I with the City of Columbus or equivalent experience.

Possession of a valid State of Ohio Engineer Intern certificate.

Possession of a valid motor vehicle operator's license.

Specialization in the discipline for which appointment is being made may be required for some

positions and will be incorporated in the job postings, as appropriate.

KNOWLEDGE, SKILLS AND ABILITIES

General knowledge of modern methods and techniques used in engineering; some knowledge of the principles and theories of engineering; some knowledge of the materials and equipment used in public works construction and/or maintenance; ability to prepare preliminary engineering plans and/or specifications for minor projects; ability to design engineering structures, facilities, systems and equipment; ability to develop and maintain effective working relationships with others; ability to prepare technical reports and maintain engineering records.

Probationary Period:	365 Days
Examination:	Noncompetitive

Class Code:	1029
Job Family:	Applied Science
EEO Job Category:	Professional
Compensation Plan:	CMAGE/CWA
Salary:	Grade 56

Class established:	04-22-70
Current spec:	09-26-05
Commission action taken:	Revise
	Retitle (Civil Engineer-in-training II 12/18/89)
Last reviewed:	09-26-05